# 10A2

## CHELTON

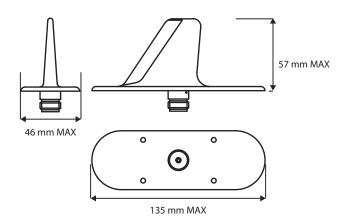
## L-band Blade

## **Key features:**

- Single port
- N type
- 4 mounting holes
- w/wo PU leading edge
- Lightning protection

The 10A2 series started as a generalpurpose rugged L-band antenna. As with other L-band antenna families the main differences are footprint and connector types. The 10A2 series has no test port and an N female connector. -1 is SS leading edge, -2 is with PU leading edge.





### **ELECTRICAL**

Impedance	50 Ω
VSWR	960-1220 < 1.7:1
	1030 < 1.5:1
	1090 <1.5:1
Gain	> 0dBi
Polarisation	Vertical
Radiation	Omnidirectional

#### **MECHANICAL**

Dimensions (LxWxH)	135 x 46 x 57 mm
Height Above Base	57 mm
Mass	0.11 kg
Connector	Type N female
Platform(s)	Air

### **ENVIRONMENTAL**

Continuous Operating Temperature	- 55°C Min + 70°C Max
Altitude	50000 ft
Vibration	NT-A4-SAM-04017, Para 2.2.8.1
	MIL-STD-810E, Method 514.5, Proc I, Cat 13

Chelton Limited has a policy of continuous development and stress that the information provided is a guide only and does not constitute an offer or contract or part thereof. Whilst every effort is made to ensure the accuracy of the information contained in this Data Sheet, no responsibility can be accepted for any errors or omissions. The copyright of antenna designs and images is copyright protected and owned by Chelton Limited. ©Chelton Limited.

Buckinghamshire, SL7 1TF, UK